Recreational Use Attainability Analysis

Cover Sheet

Water Body Name: WIIQCOT CYELK
Water Body Identification #: 482
Completed UAA Checklist: Pre-Field Preparatory Data Sheet Maps with actual survey sites marked Data Sheet A Data Sheet B – 3 of 3 pages for each site Number of Sites: Data Sheet C (if applicable) Number of Interviews: Photographs Quantities Upstream Downstream
OtherOther
Signed:

<u>Pre-Field Preparatory Data Sheet</u> <u>for Recreational Use Stream Surveys</u>

Water Body Name: Wild Cat (from USGS 7.5' quad)	Crlk
8-digit HUC: 10280101	Missouri Water Body Identification (WBID) #: 487_
County: Nocaway and Ben	ru_
Upstream Legal Description: 40, 31815	5, 994.3816
Downstream Legal Description: 40. 213	49, - 94 47736
Discharger Facility Name(s): Bent	dictine convent
Discharger Permit Number(s): N/	
Weather Conditions for Past 7 days: Hot	; sunny, rainy, humid.

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest.

Date: 06/ 26/ 2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

Water Body Name: WIDCA+ Crllk

WBID #: 482

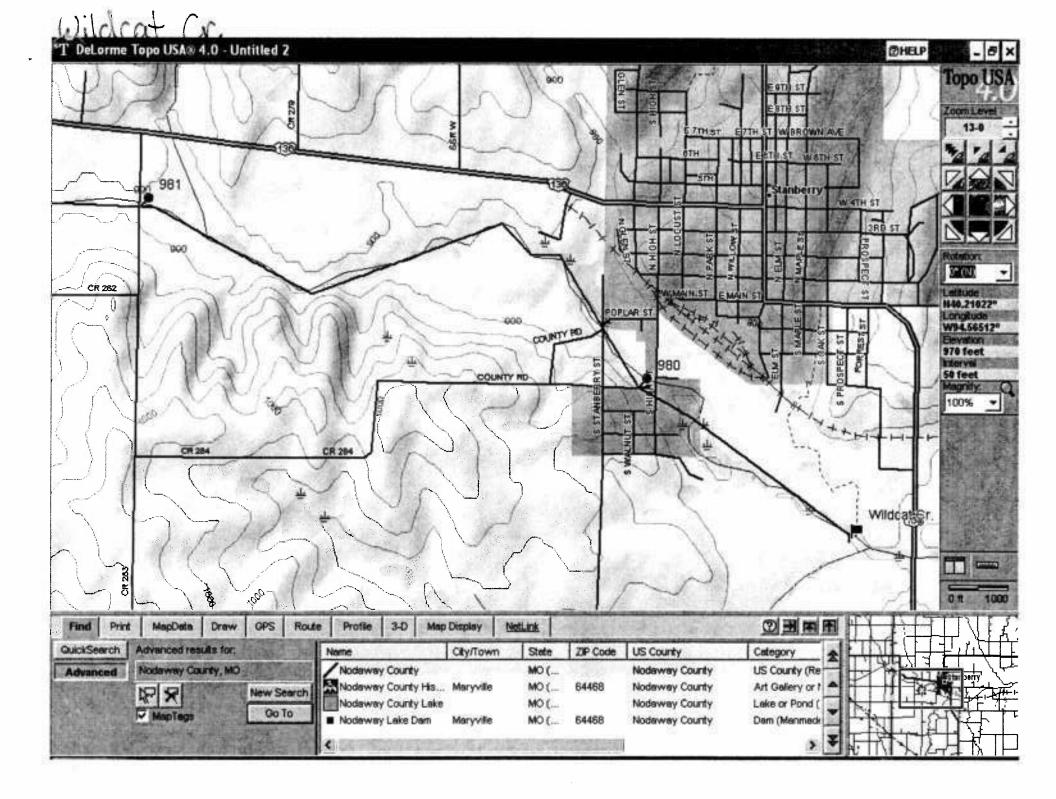
Upstream Coordinates:
(WGS 84, ddd.ddddd) 40. 20931, 94.54498 (5ite 980)

Downstream Coordinates:
(WGS 84, ddd.ddddd) 40. 28583, 94.64058 (5ite 985)

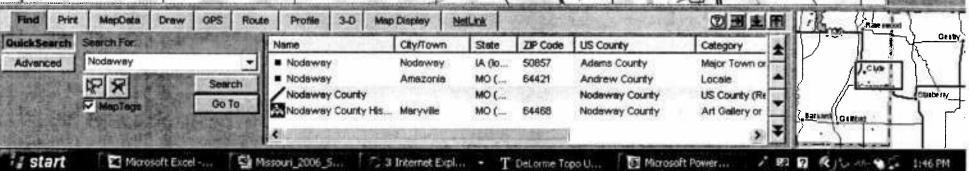
Current Weather Conditions: Sunny, Warm

Number of Sites Evaluated: 6

Name(s) of Surveyor(s): Colin Hill, Caroling Gallardo



Wildcat Cr. T DeLorme Topo USA® 4.0 - Untitled 2 **WHELP** Topo USA 985 Zoom Level 11-7 984 0° (N) Lattude N40.2353° Longitude W94.6675* Elevation 1,050 feet Interval 983 100 feet degrally. 100% 982 Conception Conception Abbey Dam 图里里图 NetLink Find Print MepOeta. OPS. Route Profile 3.0 Map Display Gestry Search For. Category ZIP Code City/Town State US County Advanced Nodeway ■ Nodeway Nodewey. IA (lo.... 50857 Adems County Major Town or



Date: 06/ 26/ 2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

5	(A separate Data	Sheet B 1	nust be completed	l for each site)	
Latitude (ddd.dddd):	40.20931			Arrival Time:	
Longitude (ddd.dddd):				130	\sim
Photo Ids: Upstream:]	Downstream	1:	Other:	
02	214	02	15		0216
Narrative Description	of Location: (De	scribe acce	ss point to stream, ne	arby roads, landmarks, etc.)
of High s	strut bri	age c	nossing.	,	7
Surrounding Condition tems of interest.)	ns*: (Mark all that)	promote or	impede recreational ι	uses. Attach photos of evid	ence or unusual
☐ City/county parks	☐ Playgrounds	□ MDC	conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ Nation	al forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	☐ Steep s	lopes	☐ Other:	
luman Uses Observed	!*:				
☐ Swimming	☐ Skin diving		SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	1	Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	□F	ishing	None of the above	[] Other
vidence of Human Us	/		quency of use, photo-	documentation of evidence	of recreational uses, etc.)
Roads	Foot paths/prin		Dock/platform	☐ Livestock Watering	
☐ Rope swings	☐ Camping Sites		Fire pit/ring	☐ NPDES Discharge	□ RV / ATV Tracks
☐ Other:	11		no proving	LI WI DES Discharge	☐ Fishing Tackle
ources of Pollution: (e.	g., trash dumping, tir	es, drainag	es, discharges, etc.)		
PIPE OUTEX					

Deed W. HM 6/26

Upstream View Physical Dimensions:

Date: 06/26/2006

Data Sheet B - Site Characterization - 2 of 3

Stream Morphology:

Distance from access point (m)

Width (m)

Length (m)

Avg. Depth (m)

Max Depth (m)

Riffle

Downstream View Physical Dimensions:

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle					
□ Run					
Pool	50	2	45	0.15	0.3
K Flow	Present? XYes	□ No	Velocity (ft/sec):	0.2 m/sec	

Substrate*: (These values should add up to 100%.) CH b Up							
% Co	oble 15	% Gravel 8	5 % % s	Sand % Silt	% Mud/Clay	% Bedrock	

Aquatic Vegetation*: (Note amount of vegetation or algal growth at the assessment site.)

Affice Slight amounts of attached algal.

Water Characteristics*: (Mark all that apply.)

Odor:	☐ Sewage	☐ Musky	☐ Chemical	None	☐ Other:
Color:	Clear	SGreen ish	☐ Gray	Milky @ Poo	Other:
Bottom Deposit:	☐ Sludge	☐ Solids	Fine sediments	□ None	☐ Other:
Surface Deposit:	□ Oil	Scum	5KF0am	□ None	☐ Other:

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

Ord CiAh 6/26

WBID	#	462	_ Site #	980

Date: 06/26/2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

1. Do you live	in the area?	Yes □ No	sary for multiple inter	views)			
If so, how	w long have you	lived here?					
2. Have you pe	rsonally used the	is water body for rethat apply:	ecreation since 1975?	□ Yes □ No			
	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting			
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:			
	How often do you use it for recreation? More than 5 times per year 1 - 5 times per year Less than 1 time per year – please describe:						
If so, plea	served others using the served	ng this water body hat apply:	for recreation since 1	975? □ Yes □ No			
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting			
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:			
[How often have you observed it being used for recreation? More than 5 times per year 1 - 5 times per year Less than 1 time per year - please describe:						
4. Additional Co	mments:	,					
Contact Information Name:	tion (if willing t	o provide):					

Address:

Telephone #:

Date: 06/26/2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd):	Hn 211(1)				Arrival Time:		
Longitude (ddd.dddd):	40.21764				132	5	
Photo Ids: Upstream:					Other:	·	·
0218		0219				0226	6201
UZI 0	, , , , , , , , , , , , , , , , , , , ,	V Z- 1			00.1		0221
arrative Description	of Location: (Des	cribe access po	int to stream, n	earby road	ls, landmarks, etc.)	
at 430 Rd	bridge cro	ssing.					
	J	Ú					
urrounding Condition ems of interest.)	18*: (Mark all that p	romote or impe	de recreational	l uses. Atta	sch photos of evide	ence or unusu	al
☐ City/county parks	☐ Playgrounds	☐ MDC cons	ervation lands	□ Uı	rban areas	☐ Campa	grounds
☐ Boating accesses	☐ State parks	☐ National fo	rests	□ Na	ture trails	☐ Stairs/v	
☐ No trespass sign	☐ Fence	☐ Steep slope	s	15 Ot	Other: AG FILLAS		
					7	5101	
uman Uses Observed							
Swimming	☐ Skin diving	□ SCU	BA diving		ubing	☐ Water	skiing
☐ Wind surfing	☐ Kayaking	☐ Boat	ng		ading	☐ Raftin	g
Hunting	□ Trapping	☐ Fishii			one of the above	☐ Other:	
Describe: (include numb	er of individuals rec	reating, frequen	cy of use, phot	o-docume	ntation of evidence	e of recreation	nal uses, etc.)
	-						
vidence of Human Us	e*: (0217)						•
Roads	Foot paths/prir	ts 🗆 Doo	k/platform	□ Li	vestock Watering	□ RV / A	TV Tracks
☐ Rope swings	☐ Camping Sites		pit/ring	□ NI	PDES Discharge	☐ Fishing	g Tackle
Other: TVOS	$ (0220) $,0221)				
		·					
ources of Pollution: (e			lischarges, etc.)	· · · · · · · · · · · · · · · · · · ·		
Trash (o	2212 09	71)					
	JUL	-1 /					

Ded at AM 6/26

WBID # 482 Site # 981

Date: 06/26/2006

Upstream View Physical Dimensions:

Data Sheet B - Site Characterization - 2 of 3

Stream Morphology:

Distance from access point (m)

□ Riffle
□ Run

Distance from width (m)
Length (m)
Avg. Depth (m)
Max Depth (m)

 □ Run
 50
 5
 50
 0.45
 0.7

 ▼Flow
 Present?
 ▼Yes
 □ No
 Velocity (ft/sec):
 0.1
 M/SCC

Downstream View Physical Dimensions:

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle					
□ Run		6/26			
Pool	15	C473 4	10	0.2	0.3
Flow	Present? Yes	□ No	Velocity (ft/sec):	0.05 m/se	<u> </u>

Su	bstrate*: (These va	alues should add up to	100%.)			
	% Cobble	20 % Gravel	SD % Sand	% Silt	% Mud/Clay	% Bedrock

quatic Vegetation*: (Note amount of vegetation or algal growth at the assessment site.)	
slight amounts of attached algal.	

Water Characteristics*: (Mark all that apply.)

Odor:	☐ Sewage	☐ Musky	☐ Chemical	None	☐ Other:	
Color:	□ Clear	☐ Green	☐ Gray	Milky	☐ Other:	
Bottom Deposit:	□ Sludge	☐ Solids	Fine sediments	□ None	☐ Other:	
Surface Deposit:	□ Oil	X Scum	Foam	□ None	☐ Other:	

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

Iced fr Hil 6/26

WBID	#	482	_ Site # _	981
Date	Nh	1 7/0/	2000	

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unar conditions, problems in measuring, site relocation).	tticipated unique local
	· · · · · · · · · · · · · · · · · · ·

WBID# 482 Site# 981

Date: 00/26/2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

1. Do you live If so, how	in the area? v long have you	Yes □ No lived here?		7
2. Have you pe	rsonally used the	is water body for re	ecreation since 1975?	□ Yes □ No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
	$ \begin{array}{c c} \square & 1-5 \text{ times} \\ \square & \text{Less than} \\ \hline \end{array} $	5 times per year s per year 1 time per year – p	lease describe:	0752
If so, plea	se check ALL t	hat apply:	Tor recreation since i	975? □ Yes □ No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
[For recreation?	
4. Additional Co	mments:			
Contact Informa Name:	tion (if willing t	o provide):		

Address:

Telephone #:

Date: 06 / 26 / 2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

particular (1975)			T + : 170'		
Latitude (ddd.dddd): ¿		i	Arrival Time:		
Longitude (ddd.dddd):	94.61824		1401		
Photo Ids: Upstream:	D	ownstream:	Other: 0227		
022	5	0226	02-2	-8	
	_				
		scribe access point to stream, ne	earby roads, landmarks, etc.)		
at AW 13	G Priage	CVUSSING			
	4 0 6 1 11 1				
urrounding Condition ems of interest.)	is*: (Mark all that p	promote or impede recreational	uses. Attach photos of evider	nce or unusual	
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds	
☐ Boating accesses	☐ State parks			☐ Stairs/walkway	
☐ No trespass sign	☐ Fence	Steep slopes (0228)	☐ Other:		
Z 1.0 ixeopuse o-ga	1				
Human Uses Observed	*:				
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting	
☐ Hunting	☐ Trapping	☐ Fishing	None of the above	☐ Other:	
Describe: (include numb	er of individuals rec	reating, frequency of use, photo	o-documentation of evidence	of recreational uses, etc.)	
The CTT of The					
Evidence of Human Us		DD 1/1/6		D. D.V. / ATV Tracks	
	☐ Foot paths/pri		☐ Livestock Watering	RV / ATV Tracks	
☐ Rope swings	☐ Camping Site	s ☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle	
☐ Other:					
Samuel Challes	4	ina durinaga disabancas -+-)		
Run off dita		tires, drainages, discharges, etc.)		
Kninh mil	ri (UZZZ)				
		/			

Dad at siell 6/26

Date: 06/ 26/ 2006

Data Sheet B - Site Characterization - 2 of 3

	Distance from access point (m)	Width (m)	Length (r	n) Av	g. Depth (m)	Max Depth (m)
□ Riffle						
□ Run					N	
Z Pool	50	3.5	50	(1.2	0.3
Z Flow	Present? XYes	□ No	Velocity (ft/se		1/m/sec	
Downstream	1 View Physical I	Dimensions:				
	Distance from access point (m)	Width (m)	Length (n	ı) Av	g. Depth (m)	Max Depth (m)
☐ Riffle						
□ Run						
Z Pool	25	5	30		0.2	0.3
Flow	Present? 💆 Yes	□ No	Velocity (ft/se	c): 0 /	3m/sec	
hetroto* (T		1 1000()				
	hese values should ad obble 20 % (% Sand	% Silt	% Mud/Clay	0/ D 1
) /0 Sand) /0 Silt	76 Widd/Clay	% Bedro
	ı tion*: (Note amour	it of vegetation or	algal growth at the ass	essment site.)		
uatic Vegeta						
uatic Vegeta Moderal	e amounts	of attach	ld and f alg	al.		
uatic Vegeta Moderal	e amounts	of attach	ld and p alg	al.		
moderal	e amounts		ld and f alg	al.		
moderal	eristics*: (Mark all	that apply.)			Other	
woderad	eristics*: (Mark all	that apply.)	☐ Chemical	None	Other:	
ater Charact	eristics*: (Mark all	that apply.)			☐ Other: ☐ Other:	

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

Red Gither 6/26

WBID # 482 Site # 982

Date: 06/26/2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C - Interviews

(Make additional copies as necessary for multiple interviews)

If so, how 2. Have you per		lived here?s water body for re	creation since 1975?	□ Yes □ No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
3 Have you oh	☐ 1 – 5 times ☐ Less than ————	1 time per year – p	lease describe:	975? □ Yes □ No
	ase check ALL t			
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
How often	\square More than \square 1 – 5 time	2 4	for recreation?	
4. Additional C	Comments:			

Name:

Address:

Telephone #:

Date: 06/26/2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): 40	1.25094				Arrival Time:		
Longitude (ddd.dddd):					1420		
Photo Ids: Upstream:		ownst	ream:		Other:		
0226	3		0230				
ULL			010				
arrative Description o	f Location: (Des	cribe a	access point to stream, nea	irby road	s, landmarks, etc.)		
at 320th str.	ect bridge	Cr	ossing-				
						A CONTRACTOR OF THE CONTRACTOR	
urrounding Condition ems of interest.)	s*: (Mark all that p	romot	e or impede recreational u	ises. Atta	ch photos of eviden	ce or unusual	
☐ City/county parks	☐ Playgrounds	ΠМ	IDC conservation lands	☐ Uı	ban areas	☐ Campgrounds	
☐ Boating accesses	☐ State parks			□ Na	ture trails	☐ Stairs/walkway	
☐ No trespass sign	☐ Fence	□ S1	eep slopes	Ď X Ot	XOther: Ag filds		
) ,		
Iuman Uses Observed	*•						
☐ Swimming	☐ Skin diving		☐ SCUBA diving	\Box T	ubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking		☐ Boating	+- 7	ading	☐ Rafting	
☐ Hunting	☐ Trapping		☐ Fishing	XV	one of the above	Other:	
Describe: (include numb	er of individuals rec	reating	g, frequency of use, photo	-docume	itation of evidence	of recreational uses, etc.)	
Evidence of Human Us	e*:						
Roads	☐ Foot paths/pri	nts	☐ Dock/platform	☐ Li	vestock Watering	☐ RV / ATV Tracks	
☐ Rope swings	☐ Camping Sites		☐ Fire pit/ring	□ N	PDES Discharge	☐ Fishing Tackle	
☐ Other:							

Sources of Pollution: (e	.g., trash dumping,	tires, d	rainages, discharges, etc.)				

Old A His 6/26

ite: <u>06/21</u>	•				
	Data	Sheet B - Site Ch	aracterization – 2	of 3	
ream Morpl Upstream V	hology: /iew Physical Dim	ensions:			
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle					
☐ Run				5.0	
Pool	10		8	0.2	0.4
Flow	Present?	□ No	Velocity (ft/ccc):	0.01m/sec	
/ \ 		•			
Downstrea	m View Physical I Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle					
☐ Run					
∫∑(Pool	60	2	60	0.15	0.2
⊠ Flow	Present? ☐ Yes	□ No	Velocity (ft/sec):	0.1m/sec	
-				6/26	
	These values should ad	ld up to 100%.)	6 Sand 10 26%	6 Silt 10 % Mud/Cla	y % Bedro
%	Cobble 20%	Graver Q0 /	6 Sand 10 20%	0 Bitt 10 70 14 ad Cia	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
guatic Vege	etation*: (Note amou	nt of vegetation or alga	al growth at the assessm	ent site.)	
abundo	ant amount	s of algae (attached) b -algae.	is end.	
105 er	nd slight	amounts of	-algal.		
					
ater Chara	cteristics*: (Mark a	ll that apply.)			
Odor:	☐ Sewage	☐ Musky	☐ Chemical	None	
Color:	X Clear	☐ Green	□ Gray □	Milky	
Bottom Der	oosit: Sludge	☐ Solids	Fine sediments	None	:

Foam

☐ Other:

☐ None

Quel Cr'Hr 6/26

Scum

☐ Sludge

☐ Oil

Surface Deposit:

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 482 Site # 983

Date: 06 / 26 / 2006

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).	

WBID #	482	_ Site # _	983
--------	-----	------------	-----

Date: 06/26/2006

Address: Telephone #:

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C - Interviews

(Make additional copies as necessary for multiple interviews)

2. Have you per	_	water body for recast apply:	creation since 1975?	∃Yes □ No	
☐ Swimming		☐ SCUBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing		☐ Boating	□ Wading	☐ Rafting	
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:	
3. Have you ob	served others usi	ng this water body	for recreation since 1		
If so, ple	ase check ALL t	hat apply:		<u> </u>	
	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting	
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:	
How oft	\square More than \square 1 – 5 times	rved it being used 5 times per year s per year 1 time per year – p	for recreation?		
4. Additional (Comments:				

Date: 06/24/2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): 4	1.27113			Arriva	ıl Time:		
Longitude (ddd.dddd):	14.62727				1500)	
Photo Ids: Upstream:		ownstream:		Other			
	0232 0233				023	31	
	-) -	02)					
arrative Description	of Location: (Des	cribe access poi	nt to stream, nea	arby roads, landr	narks, etc.)		
at 310 th str	ult bridge	crossing	•				
	J						
	•		1 411.	A tto ah mhai	tog of avider	ica or unucual	
urrounding Conditions of interest.)	ons*: (Mark all that p	romote or impe	le recreational t	ises. Attach pho	ios of evider	ice of unusual	
City/county parks	☐ Playgrounds	☐ MDC conse	ervation lands	☐ Urban are	as	☐ Campgrounds	
☐ Boating accesses	☐ State parks			☐ Nature tra	ils	☐ Stairs/walkway	
☐ No trespass sign	Fence 6231	☐ Steep slope	3	☐ Other:	☐ Other:		
Li ito despuss sign	1						
Human Uses Observe	d*:						
☐ Swimming	☐ Skin diving		BA diving	☐ Tubing		☐ Water skiing	
☐ Wind surfing	☐ Kayaking	☐ Boati	ng	□ Wading		Rafting	
☐ Hunting	☐ Trapping	☐ Fishii	ng	None of	the above	Other:	
Describe: (include nun	aber of individuals rec	reating, frequen	cy of use, photo	o-documentation	of evidence	of recreational uses, etc.)	
Evidence of Human U	Teo*•						
	☐ Foot paths/pri	nts Do	ck/platform	☐ Livestocl	k Watering	☐ RV / ATV Tracks	
Roads	☐ Camping Site		pit/ring	□ NPDES I		☐ Fishing Tackle	
☐ Rope swings	L Camping Site	,	. Ł				
☐ Other:							
Sources of Pollution:	(e.g., trash dumping,	ires, drainages,	discharges, etc.)			

Ocal (M. Hil 0/20

e: <u>Qe/ 2</u>	<u>Lo/ 2006</u> Data	Sheet B - Site C	haracterization –	2 of 3		
eam Morpl Instream V	nology: /iew Physical Dim	ensions:				
poercura	Distance from access point (m)	Width (m)	Length (m)	Av	g. Depth (m)	Max Depth (m)
☐ Riffle						
□ Run						6.0
⊠ Pool	10	1.5	10		0.1	0.19
Flow	Present? Yes	□ No	Velocity (ft/sec):). M/sec	
Downstrag	m View Physical I	Dimensions:				
DOWNSTICA	Distance from access point (m)	Width (m)	Length (m)	A	vg. Depth (m)	Max Depth (m)
☐ Riffle						
☐ Run					£	* .1-
Pool	25	3.5	15		0.3	0.45
Flow	Present? Yes	□ No	Velocity (ft/sec):	$-\infty$	H measu	wable
1	These values should a	1d up to 100%)				
		Gravel 50	% Sand 10	% Silt	40 % Mud/Clay	% Bedro
uatic Vege	etation*: (Note amou	int of vegetation or al	gal growth at the asses	sment site	.)	
	N/A					
leter Char	acteristics*: (Mark a	all that apply.)				
Odor:	☐ Sewage	☐ Musky	☐ Chemical	None	☐ Other:	
Color:	☐ Clear	□ Green	☐ Gray	Milky	☐ Other:	
		☐ Solids	Fine sediments	☐ None	☐ Other:	

Foam

⊠Scum

☐ Other:

☐ None

and Githu 6/26

☐ Oil

Surface Deposit:

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 482 Site # 984 Date: 06/26/2006

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).

EIL	site relocation).	ol and the reasons &	
site had t	1) [24	10r departu	re (e.g., unanticipated unique local
tence un	le moved we		o, analucipated unique local
	er pridal lend		
	- reidi	na us pridal	wossing du to
		J. J.	COSIVE COULTO

WBID #482_ Site #98	:4
---------------------	----

Date: 06/26/2006

Address: Telephone #:

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

	•		ary for multiple interv	views)			
1. Do you live in If so, how	n the area? \Box Y long have you l	es □ No ived here?					
2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No If so, please check ALL that apply:							
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting			
☐ Hunting	☐ Trapping .	☐ Fishing	☐ None of the above	☐ Other:			
☐ 1 – 5 times per year ☐ Less than 1 time per year – please describe: ☐ Less than 1 time per year – please describe: ☐ No							
If so, ple	ase check ALL t	hat apply:	·				
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	Rafting			
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:			
How often have you observed it being used for recreation? More than 5 times per year 1 - 5 times per year Less than 1 time per year - please describe:							
4. Additional (Comments:						
Contact Information	nation (if willin	g to provide):					

Date: 06/24/2004

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

T +:4 - (444 4444): 110	00-117				Arrival Time:		
Latitude (ddd.dddd): 40	70580				152	77_	
Longitude (ddd.dddd): 9					Other:		
Photo Ids: Upstream:	D	ownst	ream:				
0234)		0237	0238			
	PT 4 (D	.4	and the standard made	-h000	la landmarks etc.)		
Narrative Description of	Location: (Des	cribe	access point to stream, nea	rby roac	is, landinarks, cic.)		
AF HWY B	MOOT CA	الما	1,40				
Surrounding Conditions			to or impode recreational u	cec Att	ach photos of evider	ce or unusual	
Surrounding Conditions tems of interest.)	s": (Mark an mai p	101110	te of impede recreational a	503. 11tu	ion photos of ovider		
☐ City/county parks	☐ Playgrounds		MDC conservation lands	υ	rban areas	☐ Campgrounds	
☐ Boating accesses	☐ State parks		Vational forests	□ N	ature trails	☐ Stairs/walkway	
☐ No trespass sign	□ Fence		teep slopes	_ O	☐ Other:		
□ No trespass sign	Li Tenee		voep oxepeo	!			
Human Uses Observed*	•					T	
☐ Swimming	☐ Skin diving		☐ SCUBA diving	T 🗆	ubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking		☐ Boating	□ v	Vading	☐ Rafting	
☐ Hunting	☐ Trapping		☐ Fishing	None of the above			
Describe: (include number	er of individuals rec	reatin	g, frequency of use, photo-	docume	ntation of evidence	of recreational uses, etc.)	
Evidence of Human Use	e*:			1			
Roads	☐ Foot paths/pri	nts	☐ Dock/platform		ivestock Watering	□ RV / ATV Tracks	
☐ Rope swings	☐ Camping Site	5	☐ Fire pit/ring		PDES Discharge	☐ Fishing Tackle	
Other: AGUCVU	TURAL FIEL	DS					
Sources of Pollution: (e.	.g., trash dumping,	tires, o	drainages, discharges, etc.)				

0 ced GV AM 6/26

	142 Site# 9 261 2006	<u>45</u>			4
Date: <u>- </u>		Sheet B - Site Cha	aracterization – 2	of 3	
Stream Morp	phology: View Physical Dim	ensions:			
Upsu cam	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle					
☐ Run			 	h 11	~ (-
Pool	25	6	15	0.4	0.65
Flow	Present?	No	Velocity (ft/sec):		
Downstre	am View Physical D	Dimensions:	1		T
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle					
☐ Run					
Pool	15	5	15	0.3	0.4
Flow	Present? XYes	□ No	Velocity (ft/sec):	0.05 m/ser	
4->		-222/			
	(These values should ad		Sand 25 °	% Silt	ay % Bedrock
5 %	% Cobble % C	Jiavei 70 -	Sand	70 511	9
Anuatic Veg	etation*: (Note amou	nt of vegetation or alga	l growth at the assessn	nent site.)	
modera	ate amounts	, of attachi	dand floo	nent site.) ating algae	· •
Water Char	racteristics*: (Mark a)	.ll that apply.)			
Odor:	☐ Sewage		☐ Chemical 💢	None	•
Color	□ Clear	□ Green □	☐ Grav	Milky □ Other:	:

Foam

Fine sediments

☐ None

☐ None

☐ Other:

☐ Other:

and Ci HM 6/26

☐ Solids

Scum

Bottom Deposit:

Surface Deposit:

☐ Sludge

☐ Oil

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID	#	482	_ Site # _	985
Date:	061	261	2006	

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).	

WBID	#	462	Site	#	985

Date: 06/24/2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C - Interviews

(Make additional copies as necessary for multiple interviews)						
 Do you live in the area? ☐ Yes ☐ No If so, how long have you lived here? 						
2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No If so, please check ALL that apply:						
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:		
3. Have you ob	How often do you use it for recreation? ☐ More than 5 times per year ☐ 1 - 5 times per year ☐ Less than 1 time per year - please describe:					
If so, plea	ase check ALL t	hat apply: SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	Rafting		
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:		
How often have you observed it being used for recreation? More than 5 times per year 1 - 5 times per year Less than 1 time per year - please describe:						
4. Additional C		g to provide):				
Name:						

Address:

Telephone #:



Site# 980 Photo ID# 0214, Upstream



Site# 980 Photo ID# 0213, Footprints



Site# 980 Photo ID# 0215, Downstream



Site# 980 Photo ID# 0216, Pipe outfall



Site# 981 Photo ID# 0218, Upstream



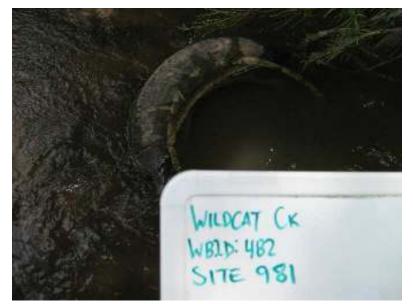
Site# 981 Photo ID# 0217, Footprints



Site# 981 Photo ID# 0219, Downstream



Site# 981 Photo ID# 0220, Trash



Site# 981 Photo ID# 0221, Trash



Site# 982 Photo ID# 0226, Downstream



Site# 982 Photo ID# 0225, Upstream



Site# 982 Photo ID# 0227, Drainage



Site# 982 Photo ID# 0228, Slope



Site# 983 Photo ID# 0230, Downstream



Site# 983 Photo ID# 0229, Upstream



Site# 984 Photo ID# 0232, Upstream



Site# 984 Photo ID# 0233, Downstream



Site# 985 Photo ID# 0236, Upstream



Site# 984 Photo ID# 0231, Fence



Site# 985 Photo ID# 0237, Downstream



Site# 985 Photo ID# 0238, Gabion